Superfued Records Center
SITE: CEC-NEWBEDFORD GAS
BREAK: 11.9
OTHER:
CON ECCITC

568650

New Beoford Das & Eduson Light Co. 699

Commonwealth Electric Company 2421 Cranberry Highway Wareham, Massachusetts 02571 Telephone (617) 291-0950

May 15, 1986

rec' 2 5/22/86

Gregory A. Roscoe U. S. Environmental Protection Agency P. O. Box 3254 Reston, VA 22090

> Re: The Cannons Engineering Corp. site in Bridgewater, MA; The Cannons Engineering Corp. site in Plymouth, MA; The Gilson Road site in Nashua, NH; and The Tinkham Garage site in Londonderry, NH

Dear Mr. Roscoe:

This letter with enclosures is sent to you in reference to your Mr. Merrill S. Hohman's March 28, 1986 letter addressed to Mr. Gerald E. Anderson regarding the above-captioned sites and as they relate to Commonwealth Electric Company (formerly known-as-New-Bedford Gas and Edison Light Company). This is the follow up referenced in my letter to you of March 25, 1986.

The enclosed information request response and affidavit are complete. Based upon our findings (see transaction dated 1/22/80), there is some evidence that some quantity of good No. 2 fuel oil and tank washings may have reached the Cannon's Engineering Corporation Bridgewater, Massachusetts Facility. To the extent that this is shown to be true, we will consider involvement to some degree in negotiations participation. In order to reach a determinative answer, please provide us with a complete copy of all information you now possess relating to Commonwealth Electric.

In addition to the documents enclosed in response to the information request, we have several transaction documents that are unrelated to the Cannon's Engineering Corporation that cover Commonwealth Electric Company's cooperative advertising payments to Cannons Inc., 350 Main Street, W. Yarmouth, Massachusetts, a retail household appliance dealer. For a period ending in 1975, Commonwealth Electric Company had a cooperative

050



SDMS DocID 568650

advertising program whereby we paid for a portion of appliance dealers advertising costs where such advertising concentrated on electrical appliances. Copies of these documents can be made available.

If you should have any questions, please contact me.

Very truly yours,

Philip A. Morrow, Manager Environmental Management

PAM/pj

Enclosures

cc: E. Michael Thomas, Esquire EPA Office of the Regional Counsel

> Gregg J. Wilson, Esquire Department of the Attorney General Massachusetts

George Dana Bisbee, Esquire Environmental Protection Bureau New Hampshire

# INFORMATION REQUEST CANNONS ENGINEERING CORPORATION ET AL

- I. Commonwealth Electric Company fka/New Bedford Gas and Edison Light Company
- II. N/A
- III. Philip A. Morrow
  Manager, Environmental Management
  Commonwealth Electric Company
  2421 Cranberry Highway
  Wareham, MA 02571
  - IV. David A. Best Α Lynwood R. Comstock Albert B. DeMatos Α Robert A. Doyle John R. Farnham Α Dana P. Howland Α Vito R. Morra Thomas E. White George D. Williams David M. DeCosta В Frank F. Knippenberg Raymond St. Don C Theodore Fryzel Francesca C. McInerney Ε Esther A. Reppucci Frederick G. Davis
    - A. 2421 Cranberry Highway Wareham, MA 02571
    - B. 484 Willow Street Yarmouth, MA 02673
    - C. 273 Summer Street
      Plymouth, MA 02360
    - D. 180 MacArthur Drive New Bedford, MA 02740
    - E. 675 Massachusetts Avenue P. O. Box 190 Cambridge, MA 02139
    - F. P. O. Box 636 Sanbornville, NH 03872

All present or former employees of the Company (or affiliated Company)

- V. The enclosed documents making up the files of the Company, including purchase orders, invoices, checks, etc.
- VI. A. 1. August 26, 1974
  - 2. January 22, 1980
  - 3. September 17, 1981
  - B. 1. Cannons Engineering Corporation
    - 2. Cannons Engineering Corporation
    - 3. Cannons Industrial Services
  - C. 1. Unknown (but 10,000 gal. tank capacity)
    - 2. Unknown (but 10,000 gal. tank capacity)
    - 3,300 gal. of oil/water (not disposed by Cannons Engineering Corp.--transferred to Jet Line)
  - D. 1. Good #2 fuel oil and cleanings from fuel oil tank; #2 fuel oil was used for building heating. No additives.
    - Good #2 fuel oil and cleanings from fuel oil tank prior to sand blast and relining. #2 fuel oil was used for building heating. No additives.
    - Cleanup of transformer oil spill caused by storm damage. Transformer oil used as coolant and insulator.
  - E. 1. See attached typical analysis
    - 2. See attached typical analysis
    - 3. See attached typical analysis
  - F. 1. \$495 by check to "Cannons Inc."
    - 2. \$1,800 by check to Cannons Engineering Corporation
    - 3. \$3,106.35 by check to Cannons Industrial Services, Inc.
  - G. See attached purchase orders, invoices, checks, worksheets, and miscellaneous documents enclosed.
  - H. l. W. Pollack
    - 2. L. R. Comstock, V. R. Morra, R. G. Leblanc, R. F. MacDonald, R. A. Doyle, F. G. Davis

3. F. F. Knippenberg, R. D. Wright, W. H. Gill, and P. A. Morrow

All present or former employees of Commonwealth Electric excepting W. Pollack, deceased employee of affiliated Company.

#### I. 1. Unknown

- 2. Cannons Engineering Corporation quotation from enclosed proposal dated January 19, 1980, "If there is a sufficient amount of good oil in the tank, there would be no charge for disposal. This would be determined by our chemist at the Bridgewater plant after the oil had been heated in a holding tank."
- 3. Transport by Cannons Industrial Services Inc. to Commonwealth Electric facility, Willow Street, Yarmouth, for disposal arrangements by respondent.
- J. 1. Unknown
  - 2. Unknown
  - Disposal by Jet Line Services, 441R Canton Street, Stoughton, MA
- K. 1. Unknown
  - 2. Unknown
  - 3. See VI. I. 3.
- L. (1, 2, 3) Review of Company practices, records, and procedures
  - 3. Jet Line Services Manifest #3800-1
- VII. A. Of transactions known; transaction number one (8/26/74) is outside of time periods of concern for Plymouth site, Londonderry site, and Nashua site; transaction number two (01/22/80) is outside of period of concern for Londonderry site and Nashua site; and transaction number three (9/17/81) was not disposed by Cannons Engineering.
  - B. If applicable, see VI. C. 1., 2.
  - C. If applicable, see VI. D. 1., 2.
  - D. If applicable, Cannons Engineering Corporation -
  - E. If applicable, Commonwealth Electric Company

- F. None
- G. 1. If applicable; Cannons Engineering Corporation invoice for pumping and cleaning did not show disposal charges, if in fact there were any.
  - If applicable, Cannons Engineering Corporation invoice for cleaning, sandblasting, and coating did not include any charges for disposal. See VI. I. 2.
  - 3. Not applicable
- H. None
- I. Unknown
- J. See VI. I. 3.
- K. Records of the Company (see VI. G.) and interviews with persons named herein.

#### COMMONWEALTH OF MASSACHUSETTS

Middlesex, ss.

May 14, 1986

I, Philip A. Morrow, Manager of Environmental Management, Commonwealth Electric Company, do hereby state that a diligent record search and interviewing process has been made with respect to the business affairs of Commonwealth Electric Company which in any way may relate to chemical use and/or waste disposal practices of Commonwealth Electric Company between 1974 and the present. Any and all information responsive to EPA's Information Request is being forwarded to EPA and all such information resulting from such search and interviews is complete and accurate.

COMMONWEALTH ELECTRIC COMPANY

Bv:

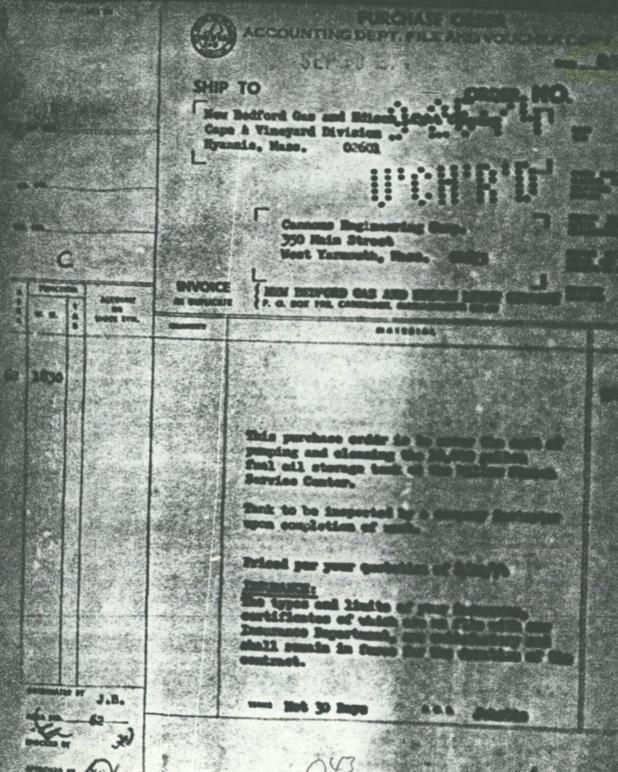
Manager of Environmental Management

Sworn to me this  $\frac{144}{1}$  day of May, 1986.

Richard J. Morriso

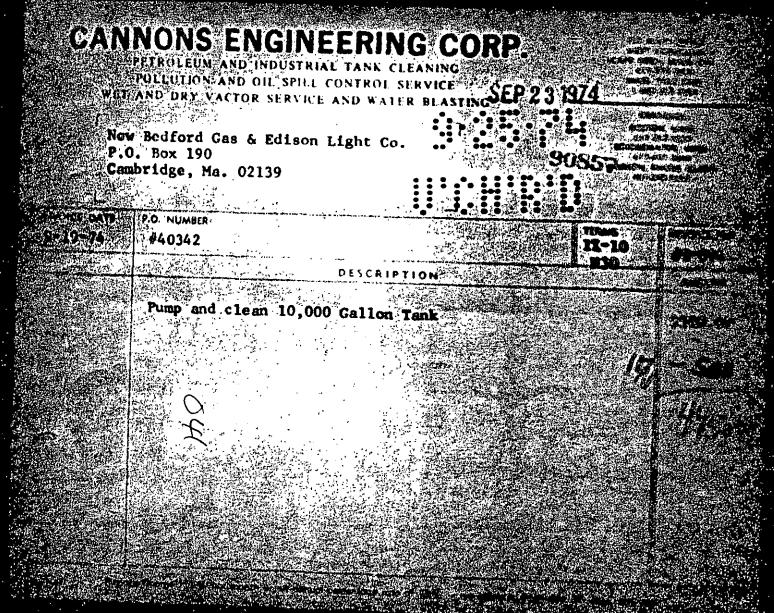
Notary Public

My commission expires: 10/9/92



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# NEW BEDFORD GAS AND EDISON LIGHT COMPANY

Cambridge, Massachusetts

THE FARLY BATTOMAN RANGE OF STREET

1341 N 1340457 NOT VALID BEFORE SEP TEMBER 25, 1976

CANNONS INC 150 MAIN ST MINE N YARHOUTH MASS G2673

071 (SECTION)

# NEGEA STATE

SHIP TO

PURCHASE ORDER ACCOUNTING DEPT. FILE AND VO. COPY

l Edison Light Company

New Bedford Gas and Edison Light Company Plymouth Division-273 Summer Street Plymouth, Ma. 02360

> Cannons Engineering Corp. P.O. Box 708 First Street Bridgewater, Ma. 02324

ORDER NO. 48718

DATE \_\_\_ 1/22/80

SHIP

SHOW OUR PURCHASE ORDER NUMBER ON INVOICES, ALL PACKAGES AND SHIPPING PAPERS.

PREPAY ALL CHARGES ON GOODS PURCHASED F.O.B. DESTINATION.

PLEASE ACKNOWLEDGE THIS ORDER AND GIVE US YOUR PROMISE OF DELIVERY.

DELIVERY REQUIRED

- 43	FUNCTI	ОИ	ACCOUNT	INVOICE		
R E A	w.o.	T A B	OR STOCK SYM	QUANTITY	MATERIAL	PRICE
20	3001				Clean, sandblast and apply two (2) coats of epoxy to 10,000 gal. underground fuel oil tank at 273 Summer St., Plymouth, Mass. Sludge disposal at 0.25 per gal., unless sufficient good oil is removed to enable shudge to be burned with the good oil.	
			,		Furnish five (5) year guarantee on tank workmanship. Work should be started immediately. Price	\$1,800.00Lot Net
			038		INSURANCE The types and limits of your insurance, certificates of which are on file with our Insurance Department, are satisfactory and shall remain in force for the duration of the contract.	
÷					All in accordance with your proposal to New England Gas and Electric System dated Jan. 14, 1980.	
Con Nبنور <sup>N</sup>	stock	<u>у.</u> ;	RAM		TERMS Net 30 Days F.O.B. Delivered	1

CHECKED BY G. LeBland

FOR THE COMPANY



# SHIP TO

STORES DEPARTMENT

MAK 3 5 1940

### ORDER NO. 48718

1/22/80

VIA

SHOW OUR PURCHASE ORDER NUMBER ON INVOICES, ALL PACKAGES AND SHIPPING PAPERS.

PREPAY ALL CHARGES ON GOODS PURCHASED F.O.B. DESTINATION.

PLEASE ACKNOWLEDGE THIS ORDER AND GIVE US YOUR PROMISE OF DELIVERY.

DELIVERY REQUIRED

New Bedford Gas and Edison Light Company Plymouth Division-273 Summer Street Plymouth, Ma. 02360

> Cannons Engineering Corp. P.O. Box 708 First Street Bridgewater, Ma. 02324

INVOICE NEW BEDFORD GAS & EDISON LIGHT COA FUNCTION ACCOUNT IN DUPLICATE P.O. BOX 190, CAMBRIDGE, MASSACHUSETTS 02239 OR w.o. STOCK SYM QUANTITY MATERIAL PRICE Clean, sandblast and apply two (2) coats of epoxy to 10,000 20 3001 gal. underground fuel oil tank at 273 Summer St., Plymouth, Mass. Sludge disposal at/0.25 per gal., unless sufficient good oil is removed to enable shudge to be burned with the good oil. Furnish five (5) year/guarantee on tank workmanchip. Work should be started immediately. Price...... \$1,800.00Lot Net INSURANCE The types and limits of your insurance, certificates of which are on file with our Incurance Department, are satisfactory and shall remain in force for the duration of the contract. All in accordance with your proposal to New England Gas and Electric System dated Jan. 14, 1980. T Z T.Comstock V.H. Delivered Net 30 Days F.O.B. TERMS I HAVE RECEIVED THE ABOVE MATERIALS AND FIND THEM AS STATED

ARÉA NO.

APPROVED BY

CHECKED BY P.G. LeBlanc

CARRIER

WHEN PARTIAL SHIPMENT IS RE-CEIVED REPORT ON FORM NO. SD-36

#### PLYMOUTH

: 10,000 Gallon Underground Tank Plymouth Service Center Summer Street November 21, 1979

: V. Morra - Wareham - Linemen Bldg.

Since the Plymouth Service Center on Summer Street has converted from oil to gas heating, the 10,000 gallon DG tank is no longer required to store heating fuel.

It is proposed to use this tank for the purpose of accumulating junk transformer oil from all districts.

In order to check the suitability of the tank for this proposed purpose, please take the necessary steps to pump out any remaining heating fuel, pressure test for leaks, and if necessary, make piping changes.

Since junk transformer oil is rapidly accumulating at the districts, this work should be completed as soon as possible.

Please notify me when done.

A.B. DeMatos
Plymouth
Staff Assistant

R.G. Velte
T.E. White
S. Wood, Jr.

#### INTER-OFFICE CORRESPONDENCE

MF28H\*

#### BUILDINGS, GROUNDS AND SECURITY

(Office)

Subject 10,000 Gallon Underground Tank
Plymouth Service Center

Date December 6, 1979

Summer Street

To J. Powers

Attention of

Since the Plymouth Service Center on Summer Street has converted from oil to gas heating, the 10,000 gallon UG tank is no longer required to store heating fuel.

It is proposed to use this tank for the purpose of accumulating junk transformer oil from all districts.

In order to check the suitability of the tank for this purpose, please take the necessary steps to pressure test the tank for leaks; also check the thickness and if necessary, make piping changes. We will also have to make arrangements to pump out the remaining heating fuel.

I also feel that we should check to see if our present permit would cover this type of storage. We office permits work for P. H. More.

I have been informed that junk transformer oil is rapidly accumulating in all districts, and this work should be completed as soon as possible.

I remain available to assist in any way I can.

Please keep me posted.

V. R. Horra

VRM/fk

cc: Messrs.

A. S. Griffiths

R. G. Velte

H. D. Cash

T. E. White

A. B. DeMatos

DEC 17 1979 C.E. DEPT.

633

Fred

Fred, 12/17/79

Would you please set something.

Need to know 1) what exists?

2) How old?

3.) Thickness? (onsultant specialist).

4.) Piping annaugement

Thanks,

Thanks,

CANNON'S ENGINEERING CORP.
BRIDGEWATER, MASS 697-3344
- JUR. PAUL BIEBEE
TANK COULD BE CLEANED - SANDBLASTED
IN A PATERN & ULTRA DONICARLY
TESTED FOR WEAR SPOTE NO GUARANTEE
THAT SPOTS IN BETWEEN TESTED AREAS
WOULD NOT BE WEAR! COST \$100000
IN ADDITION 2 COATS OF EPOXY
COULD BE APPLIED TO TESTED TANK
INTERIOR. TANK WOVED BE GUARANTE
5 YEARS- FOR 2000 DADDITIONA
DMIT DLTRASONIC TESTING- NOTERO
CLEAN ONLY AND 2 COATS OF EPOXY-
AGAIN 5 YR GUARANTEE PRICE 23-240000
- NEW TANK INSTALLED AND OLD THNK
REMOVED - BETWEEN 4-50000
T. T

# 10000 #23-240000 Guarantér Syrs PAUL Provy 20000 BISBEE

#### PLYMOUTH

: 10,000 Gallon Underground Tank Summer Street Service Center Plymouth, Massachusetts

December 27, 1979

: Mr. V.R. Morra

This is in answer to your letter dated December 6, 1979 to the attention of J.M. Powers.

In an attempt to satisfy the items requested by you, I will answer each item as it was listed in your letter.

Suitability:

The tank, in general, should be quite suitable for the intended use. It's present location is less than desirable since the access to the tank is directly exposed to Summer Street and to the main entrance of the Service Center. Also some considerable expense is involved if other items are to be satisfied.

Pressure Test:

A pressure test can be accomplished for approximately \$600.00. This is an accurate way to test the integrity of the tank. However, this type of test indicates the condition of the tank only on the day it is tested. The tank could fail the same test the next week.

Thickness:

The only reliable way to test the thickness while the tank is in the ground is by ultra-sonic sound waves being passed through the tank walls. This test would require that the tank be emptied, steam cleaned and sand blasted at the areas to be tested. This would indicate an average thickness for the portions tested. The portions not tested would remain an unknown quantity This test with supporting activity would cost approxmately \$2000.00

Permits:

This item was discussed with our Environmental Engineer, P.A. Morrow. Phil feels very strongly that any existing permits would cover the intended use. The intent of use will not change significantly. The concentration of P.C.B.s would not be high enough to require special permits.

**维心** 

During our investigations to provide you this information, a Mr. Bisbee of Cannon Engineering Corporation in Bridgewater, Massachusetts said that his firm would guarantee the integrity of the tank for five (5) years if we would allow him to apply two coats of epoxy to all of the interior surfaces. This coating would cost \$2000.00 if done in conjunction with the tank cleaning and sound atesting:

From all this, I see two realistic approaches to using the tank to accumulate transformer oil:

- 1.) Empty, clean and test the tank with ultra-sonic sound waves. Ιf the test is satisfactory, use it with no further work. Estimated Total Cost = \$3500.00
- Same as number I only go further and have the tank coated with 2.) two coats of epoxy. Estimated Total Cost \$5500.00

A new tank begins to look attrative as we approach \$6000.00. However, a new tank would definitely require additional permits. The problems that go with new permits are very undesirable and should discourage further pursuit of a new tank installation in this case.

If you would like us to proceed with the described work plaase advise as to the amount to be spent and to what it should be charged.

LRC/cpm

cc: H.D. Cash J.M. Powers

T.E. White

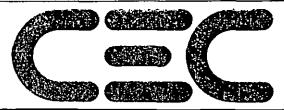
O.K. 407 5500.00

per V. R. Horra on 1/1/80

charge to:

Hrea 20 F-3001

1.3



### Cannons Engineering Corporation

January 14, 1980

Mew England Gas and Electric System 273 Summer St. Plymouth, Mass. 02360

Dear Mr. Pavis:

We propose to clean, sandblast and apply two coats of Fpoxy to a 10M gallon underground # 5 oil tank.

Pisposal of sludge from the tank would be at 25¢ per gallon and a Certificate of Pisposal would be sent to you. Pisposal would be in accordance with all State and Federal regulations.

If there is a sufficient amount of good oil in the tank, there would be no charge for disposal. This would be determined by our chemist at the Bridgewater plant after the oil had been heated in a holding tank.

The amount for the above work would be \$1800.00 and a five year guarantee on the workmanship on the tank would be given to you.

If there are any questions please call me and thank you for giving us the opportunity to quote this for you.

Sincerely,

Paul F. Bisbee Supervisor

Plymouth REQUISITION FOR MATERIALS AND SUPPLIES PLEASE SHIP TO NEW BEDFORD GAS & EDISON LT. Co. 273 SUMMER ST., PHULLITH, MA. 02340 SUPPLIER CANNON S ENGINEERING CORP. PO. BOX 708 FIRST ST., BRIDGEWATER, MA. 023.24 BILL TO NEW BEDFORD GAS & FDISON LT. Co. CLEAN, SHNOBLAST AND 20 3001 Apply Two (2) COATS OF Epoxy To 10,000 GAL, UNDERGOOND ؙ ٳۼڗۼ؋؇ڷٛڴۯؠٷڛۅػ؞ FUEL OIC TANK AT 273 Summer ST., Plymouth Hass. SLUDGE DISPOSAL AT0.25 PER GAL, UNLESS SUFFICIENT GOOD OIL IS REMOVED TO ENABLE SLUDGE TO BE BURNED WITH THE GOOD Capport of morrol FURNISH FINE (5) YEAR GUARANTEE ON TANK WORKMANISHIP SOFFEED WORK SHOULD DE SOFFEED 1800.00 PRICE IMMEDIATELY, Lot net lasurance CERTEICATES TO BE FILED WITH THE Company PRIOR TO THE Somer OF WORK. ALL IN ACCORDANCE WITH YOUR PROPOSAL TO NEW ENCLANDER FYSTZ71, DATED JAN 14, 1980

## CANNONS ENGINEERING CORP.

350 MAIN STREET WEST YARMOUTH, MASS. 02673

New Bedford Gas & Edison Light Co. 7 P.O. Box 190 Cambridge, Ma. 02139

JOB LOCATION

2/25/80	
OUR ORDER NO.	
#48718****	
Net 10 days	3136
•••••	•••••

QUANTITY	DESCRIPTION	•	PRICE	AMOUNT
<b>O</b>	Clean, sandblast and apply two coats of epoxy to 10,000 gal. underground fuel oil tank at 273 Summer Street, Plymouth, Mass. as per P.O. #48718		\$1,800.00	
77	20-300/ Liene			

Finance Charge 1½% per month or an annual percentage rate of 18% — on balances past due 30 days and over.

ACCOUNTS PAYABLE DISTRIBUTION

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Purchase	Invoice Due Date	Check Routing	<del></del>
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LANGUES ENGINEERING CORP 350 MAIN SI W YARMOUTH MA CEEZE

COLLEG NEW PECECULO CAS, WVC, FCISCHON CO. LECHO CO.

STAU BUD BASSS

03/22/60

3\*\*\*\*\*\* 1, ACC. CC

VENDURS NUMBER	INVGICE BATE	CUR NUMBERS Vendor Groek Number Number	INVELCE AMOUNT	CISCCUI AMCUN		NET AMCUNT
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# CON Electric

Ship to:

Purchased From:

Commonwellth Electric Company
Cape District
Hyannis, Mass. 02601

Cannons Industrial Services 350 Main St. West Yarmouth, Mass. 02673 Number 18275

Date 9/17/81

Show our purchase order number on invoices, all packages and shipping papers.

ACCOUNTING DEPT.

A	Function	- Account	Invoice in Duplic	Commonwealth Electric Company 2421 Cranberry Highway, Wareham, Massachusetts 02571	U   
е	Work a	or Stock Symbol	Quantity	Material No. 200	Price
39	1305	734 Sm # 1030	Complete - 9-22	Clean up oil spill at gateway Marina Rest, Neptune Lane, West Weshandh. Deliver all Spill debris and liquid to C&V Dist. Service Center on Willow St. for disposal by C&V.	\$3106.35 lot net
				CONFIRMATION- Work completed as of Sept. 4,1981.	•
Thi to	s shoul	d be charged	720	All above is in accordance with your Invoice #1030 dated 988881	
		RAD			
<u> </u>	_1:1			E O B Tabelto	

By F.Knippemberg Originated

Contro! ----

Number

Approved

Terms Net 10 Days F.O.B. Jobsite SUBJECT TO THE CONDITIONS ON THE BACK OF THIS FORM

Ву.

For the Company

# 101/Electric

Ship to:

Commonwellth Electric Company Cape District Hyannis, Mass.

Cannons Industrial Services 350 Main St. West Yarmouth, Mass. 02673

Purchased From:

Purchase Order Number 18275 43275

9/17/81

Show our purchase order number on invoices, all packages and shipping papers.

RECEIVING REPORT

A	Functi	on T	Account or Stock	Invoice in Duplic	Commonwewlth Electric Company ate 2421 Cranberry Highway, Wareham, Massachusetts 02571	·
e ′a	Work Order	a b	.Symbol	Quantity	Material	Price
<b>3</b> 9	1305	12	9/34 Jun# 1030	Conplete - 9.22	Clean up oil spill at Sateway Marina Rest, Neptune Lane, West Wayshahh. Deliver all Spill debris and liquid to CAV Dist. Service Center on Willow St. for disposal by C&V.	DAME BOOK OF
	a sho JA. G		be charged		CONFIRMATION- Work completed as of Sept. 4,1981.	
•				523	All above is in accordance with your Invoice #1030 dated 9#8#81	
} <u> </u>			RAD -			<u></u>

F.Knippemberg Originated

Control

Number

Terms Net 10 Days F.O.B. Jobsite SUBJECT TO THE CONDITIONS ON THE BACK OF THIS FORM Subject to the conditions on the back of this form.

I have received the above materials and find them as stated

Received From

Received

Carrier

Recorded Month of

By

CANNONS INDUSTRIAL SERVICES
350 MAIN STREET

WEST YARMOUTH, MASSACHUSETTS 02673

(Division Cannons Inc.) 617-775-2800

ACCT. PAYABLE

Net 10 days

INVOICE

Commwealth Electric Co. Willow Street

JOB LOCATION

West Yarmouth, Ma. 02673

Attention: Mr. Frank Knippenberg

Gateway Marina Restaurant, Neptune Lane, West Yarmouth, Ma.

QUANTITY	DESCRIPTION	PRICE	AMOUNT
	Cleanup of spill as per attached copies of work orders  # 39-/305 = 3,/06.35	\$3,106.35	
	RECEIVED  SEP 2 1 1981  Ansid		
	Wills a		5 5 5
	•		

Finance Charge 11/2% per month or an annual percentage rate of 18% — on balances past due 30 days and over.

ACCOUNTS PAYABLE DISTRIBUTION 90300 Check Detail <u>V</u>endor # 908257 1030 Purchase Invoice Due Date Check Routing (Julian Format) Code Gross Amount Discount Net Amount 43275 81272 50 52 71 3106 35 FUNCTION/ACCOUNT DETAIL MEMO ONLY DPU OR E Со DISTRIBUTION CHGD 7 1 52 72 39 1305 021 TOTAL

GA 310 Rev. 10-79

CANNONS INDUSTRIAL SERVICES 350 MAIN STREET W.YARMUUTH MA 02673

P

COMMONAEALTH ELECTRIC COMPANY

Due DATE S7516 , çs/2a/al

1981

\$\*\*\*\*\*\*B, 106.35

VENDORS	INVOICE	OUR NUMBERS			`
NUMBER	DATE	VENDOR ORDER NUMBER NUMBER	INVOICE AMOUNT	DISCOUNT AMOUNT	NET AMGUNT
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5N-7-15-1755
1 - 1 · 15 17 9 1
11 - 74151756

# ELECTRIC OPERATIONS

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REPORT NO.\_\_\_\_

SPILL	REPORT

Field - Immediately not Equipment Involved 3			on duty. Date 2/24/	2/ Time 2: 23 PM
	. 7			•
Date of spill 7/24/8/		2023	Exact Var E	stimated
Date spill first observ	77.	stame.	By W. Zuty	,,
	<del></del>	Ele 163/21	= uniquend of	<u>(.                                    </u>
Type Fluid	_Estimated volum	ne of spill_	40	gals.
Sample Taken for PCB an	alysis?	No	Yes	Year
Did spill enter water	<del></del>	No	Yes	·
Spill contained: Date	8/24/81	Ti	me 12 m il.u	ght
Spill cleaned up: Date	8/25/81	Ti	me	
Crew Leader Sugart	· ( /	Fo	reman F. Thomas	
in which we falfered	Conners Pung Conners Pung ai Matury R. C. They aler	Count 45 since Off task Si	Hat of Oil spill	to the soul fa
or own or mplie from	si well jenal			
Supervisor/Engineer on	Duty	·		
Receipt of spill not	ification:	Da	te 8/24/81 Time	2023
Assessment Action/Pe	rsonnel Notified	- Da	te 9/24/9/ Time a	Epiper 2200
· Commen Engineer	· · · · · · · · · · · · · · · · · · ·	1 armouth	Fire Day +	7
Actional Real	ance Cat	· · · · · · · · · · · · · · · · · · ·	7.7	
7	,	Si	gnature	
				····
Agency Notification	Date	Time	Person	Title
Coast Guard	8/24	2130	MR. OUELLETTE	ENS IGN
E.P.A.				
Mass. D.W.P.C.	_ <del></del>			
		Si	gnature	
			017	
Sample for PCB Analysis	.51.			<del></del>
		<i>a</i>	aboles	
Laboratory Fordlex		te of Repor	•	
Address A SSONET	· · · · · · · · · · · · · · · · · · ·			ort No. <u>C\$1-00</u> 40
PCBs ppm C i - 7/-8/ <				· · · · · · · · · · · · · · · · · · ·
DEPARTMENT HEAD	10cm	ENVIRONM	ENTAL ENGINEER	WER -
SUPERINTENDENT OF ELECT	RIC MAINTENANCE_	MIL	lippa les.	
MANAGER OF ELECTRIC MAI	NTENANCE	-	//	

PA. Phocow Don Unpuny 2
Frank to present 2
Anna & Boucher of
John Sacanna 90
Phif Rippa - Dis WPC 2 Frank Kuppenbung Phil Eppin Didec Fresh Buppenberg 2 Philippo Dwice Frank Knypen berg Shif Rippo DUPL. Course Arginum, Tauch (Trake) beoughte willow It AM 3300 grif contrasts of tracking Tensferred to for Live Tracker AM of - Couning Engluerery is no longer Sicrusced - NoTE the usual Sin futures ) - CAMMON'S LICENSES. Phil Lippo Informed ad monthed offere throwing to me of SAME ON 9-3. Millypa salisfied of thatiles for aux cogreending Lag A. Myron 9-3-81

CgV TgD # 28 ( Phil Light Pembroke 326-2424 Ken Boston 727-9675 Questinis by the Lygis unsuen Ersevece.
He was notified by Ynemour Stafffer Offices NOW Stores 3) How stored in what 4) what will we do wing it. downs? Testing to be down by Fruity Int

channed up by 3AM - purp Truck left speed day perf or wond of Untire fference in No oil proch sound. 40 golan spellet. I Tast of some of third A puddles 1 days 4 - Manhole famis opposite Test landed in for ofwoting - 1 pod.

oitskey on Ind sud--snot the to portoit None-No oil searched appoint se

3

3-25-81 Principle out from Pm Varency desults late / tomorrow. That country is no ( + folm Sovemento woold like while mound to one set. Suggested Encycling In dustries Set Livin Scenar Parks def C. disperse of or transfer until if 750 problem beard Separation be around onsite in 2 hr called the light - on moving of

Œ

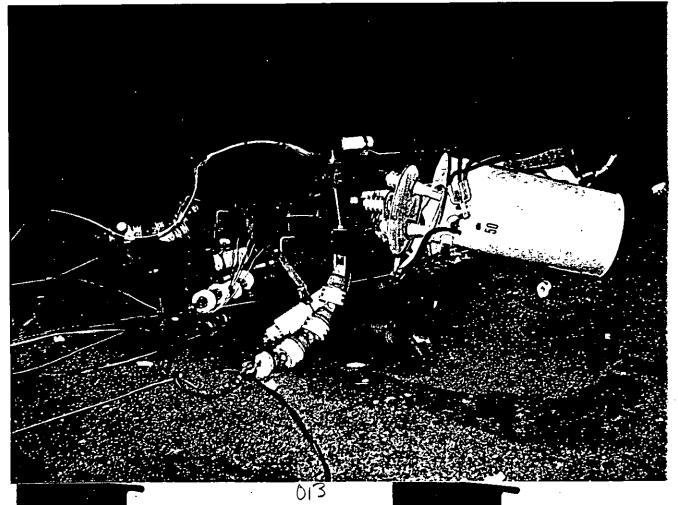
8-26-8/ Web. Sayles de hour fatte Franky 415- Call from Fank-4 45 called Ship Report - of to we feet hing 8-27-81 Thm. Frank Callud. RTD frus GOA 12-1 AM. Called Fearly - jedicated of to get fet hims in Eggs informed his Called Fant.

fort line privared in AUJ

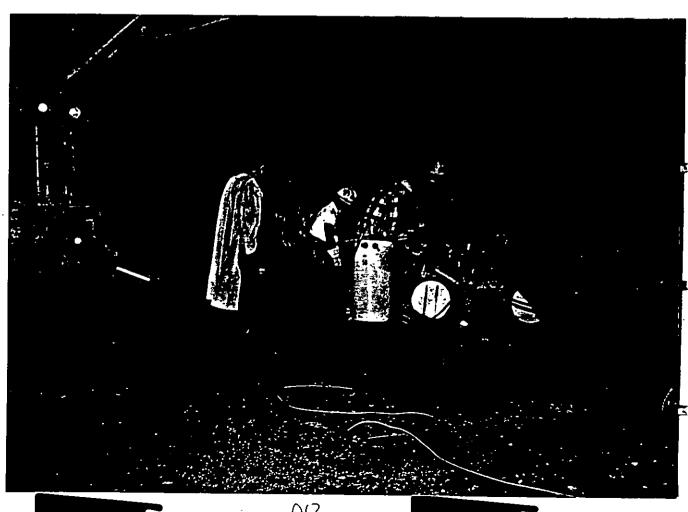
Gusting on EAR TOW on Monstart

left Short 50/10 of 30 \$ /30 f. Colled Pariflyon - Jave find Aunlysus 7:5- 65 \$ he shocked in for cooperated









6871



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## **PURCHASE ORDER**

ACCOUNTING DEPT. FILE AND VO. COPY

SHIP TO 🐞

Cape District
Hyannis, Mass. 02563

Jet Line Service Inc. 441R Canton St. Stoughton, Mass. 02072 ORDER NO. 43245

DATE \_\_\_\_\_9/9/81

SHIP

SHOW OUR PURCHASE ORDER NUMBER ON INVOICES, ALL PACKAGES AND SHIPPING PAPERS.

PREPAY ALL CHARGES ON GOODS PURCHASED F.O.B. DESTINATION.

PLEASE ACKNOWLEDGE THIS ORDER AND GIVE US YOUR PROMISE OF DELIVERY.

DELIVERY

	T		<del>,</del>	3	Commonwealth Electric Company	D
A R E A	FUNCTI	TA	ACCOUNT OR STOCK SYM		INVOICE 2421 Cranberry Hwy. Waregam, MA. 02571 IN DUPLICATE P.O. BOX 190, CAMBRIDGE, MASSACHUSETTS 02139 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
· ^	<u> </u> 	В		QUANTITY	MATERIAL	PRICE
42	1204		9/40 10/19 9/40 10/19	Corrypleta 8	Sapphry negessary labor and equipment to pump out a tanker container ing approx. 3300 Gal. water and oil mixture.	Labor \$58.25/Hr.
					Properly dispose of this liquid.	Disposal \$ 0.20/Gallon
	harge o 135		J.A. 68800		CONFIRMATION TO Mr. Jerry Mayo-DONNOT DUPLICATE	
				0'	INSURANCE	
			į	) 16	The types and limits of your insurance certificates of which are on file with our Insurance Department, are satisfactory and small remain in force for the duration of the contract.	
			RAD		·	
	NATED		howa	· .	TERMS F.O.B. Jobsite	

CHECKED TOPPENDERS

M. Corta 9/9/81

SUBJECT TO THE CONDITIONS ON THE BACK OF THIS FORM

FOR THE COMPANY

## JET-LINE SERVICES, INC.

**441 R CANTON STREET** P.O. BOX 180 STOUGHTON, MASS. 02072 (617) 843-2829

RECEIVED

SEP 1 4 1981

Ans'd....

S COMMONWEALTH ELECTRIC CO PO BOX 790

THYANNIS HA 02601

484 WILLOW STREET

YARTHMOUTH

CUSTOMER NUMBER

INVOICE NUMBER

INVOICE

1144235

09 SEF 81

0811

BRANCH	OUR JOB NO.	YOUR PURCHASE ORDER NO.	CAT.		TERMS		TRANSACTION	TYPE	PA
1	5814	43245	9	NET 15	DAYS		INVOICE	1 01499	_
QUANTITY		DESCRIPTION			UNIT PRICE	U/M	USAGE	AMOUN	
1   1   2	TUES 104 ST-E 104X OT E 200 VACL	ING SERVICES SEPT 1 1981 EQUIPMENT OPERATOR EQUIPMENT OPERATOR JUM TRACTOR TRAILE JID DISPOSAL	R/ME	CHANIC	16.25 24.37 42.00 0.20	HR HR HR GAL	4.0 1.0 5.0 3300.0	65. 24. 210. 660.	37
	E 42-12	04							
		RECEIVI SEP 16	E D 1981	•					
							• .		
							010		
						SUB-	TOTAL .	959.3	7 ·
PAST DU	E INVOICES A	RE SUBJECT TO SERVICE CI	HARG	E OF 1%%	PER MONTH.	TOTAL	AMOUNT DUE	050 7	

CUSTOMER ORIGINAL

959.37

I CERTIEV THE THE RECORDER WASTEIST WAS DELIVERED BY THE AFOREMENTIONED DELIVERY TRANSPORTER AND THAT THE INFORMATION

GENERATOR COPY

GILBERT ASSOCIATES, INC., P. O. Box 1498, Reading, PA 19603/Tel. 215 775-2600

### CERTIFICATE OF ANALYSIS

LABORATORY NO:

3894

RECEIVED: 2/12/82

REPORTED: 2/22/82

CLIENT:

Canal Electric Company

Canal Plant, Sandwich, MA 02563

SAMPLE DESCRIPTION:

Analysis of Fuel Oil No. 2 Ignition Fuel

Sampled 2/9/82

ASH	7.	Trace
CARBON	7.	86.50
CARBON RESIDUE	%	Trace
DENSITY	Lbs	7.068
FIRE POINT	° <sub>F</sub>	195
FLASH POINT	$^{ m o}_{ m F}$	175
GRAVITY	OAPI	35.2
HEATING VALUE	Btu/1b	19,424
HEATING VALUE	Btu/gal	137,289
HYDROGEN	7.	13.00
NITROGEN	7.	0.02
OXYGEN	7.	0.23
POUNDS SULFUR PER MILLION Btu		0.13
POUR POINT	o <sub>F</sub>	- 55
SULFUR	%	0.25
VISCOSITY	sus @ 100°F	. 35.2
WATER (by distillation)	% .	<0.10

Respectfully submitted,

OMD

cc: J. I

J. F. Kuliga

W. R. Smith

R. A. Rousseau

G. D. Williams -

B. W. Lyon

R. H. Martin

S. R. Fox

Pm Jane

T. M. Isert - Technical Consultant Laboratory Services

## TRANSFORMER OIL PURCHASE SPECIFICATION—TEST LIMITS

TYPE OF TEST	ASTM METHOD	UNIN	HIBITED	INHIBITED			
				. Т	YPE I	T'	YPE II
Aniline Point, *C	D 611	78	max	78	max	78	max
Color <sup>a</sup>	D 1500	0.5	max	0.5	mex	0.5	max
Corrosive Sulfur	D 1275	none	orrosive	none	corrosive	поле	orrosive
Dielectric Breakdown, kV	D 877	26	min	26	min	26	min
Dielectric Breakdown, kV	D 1816 (0.04" gap)	20	min	20	min	20	min
Water Content, ppm	D 1315, D 1533 (as received)	30	max	30	max	30	max
Flash Point, *C	D 92	140	min	140	min	140	min
Interfacial Tension, dynes/cm, 25°C	D 971 (unfiltered)	40	min	40	min	40	min
Neutralization Number, mg KOH/g	D 974 (modified) <sup>b</sup>	0.025	max	0.025	max	0.025	max
Pour Point, *C	D97	<b>-40</b>	max	-40	max	-40	max
Power Factor, 100°C, %	D 924	0.3	max	0.3	max	0.3	max
Power Factor, 25°C, %	D 924	0.05	max	0.05	max	0.05	max
Specific Gravity, 60/60	D 1298	0,865	<b>-0.910</b>	0.865	0.910	0.865	-0.910
Viscosity: Kinematic cs, 40°C SUS, 40°C	D 445, D 2161 D 88	_	1.0 52	_	1.0 62		1.0 62
Oxidation Inhibitor Content, % by wt	D 2668 <sup>c</sup>	0.0		0.08	max	0.3	max
Słudge-Free Life (SFL) measured at 8-hr periods, hrs	(Doble Procedure) <sup>d</sup>	40 ±	8 hr	64	min	80	min
æ							
Power Factor Valued Oxidation (PFVO)	(Doble Procedure) <sup>d</sup>	See att grapi limit o	h for	-	-	_	-
(or)							
Oxidation Stability (acid/sludge) 72 hours: % sludge by wt Total acid no, mg KOH/g	D 2440 <sup>d</sup>	0.15 0.5	max max	0.15 0.5	max max	0.1 0.3	max . max
164 hours: % sludge by wt Total acid no, mg KOH/g		0.3	max max	0.3 0.6	max max	0.3 0.2 0.4	max max max
(or)				-			
Oxidation Stability (Rotating Bomb), minutes	D 2112 <sup>4</sup>	_	_	195	min	220	ការព

2421 Cranberry Highway Wareham, Massachusetts 02571 **CON/**Electric

MR. GREGORY A. ROSCOE

P. O. BOX 3254

RESTON, VA 22090

U. S. ENVIRONMENTAL PROTECTION AGENCY

